SEMESTER EXAMINATION, April-MAY - 2026

Course Name: - B.Tech (AIFM) **Semester: - 2nd**

Paper Name: - Web Technology **Paper Code: - NCS-201**

Time - 3Hrs + 20 minutes per hour extra time for V.I. & examinees with writer. **Max Marks-70**

Instructions:

- The question paper consists of three sections namely A, B, C. All sections are compulsory.
- Section A- Each question carries **3 marks. All questions are compulsory**.
- Section B- Answer any **5 out of 7** given questions. Each question carries **7 marks**.
- Section C- Answer any **2 out of 3** given questions. Each question carries **10 marks**.

Section – A
Objective Questions

1. Answer all the following questions. **5x3 =15**

i) Which tag is used with JavaScript?
a) <canvas> b) <table>
c) <article> d) <footer>

ii) What are the attributes used to change the size of an image?
a) Big and Small b) Width and Height
c) Top and Bottom d) None

iii) Which of the following protocols may be used for accessing World Wide Web?
a) SLIP b) SMTP
c) HTTP d) None of the above

iv) World Wide Web was invented by:
a) Ted Nelson b) Tim Berners-Lee
c) Linus Torvalds d) Robert E. Kahn

v) <input type="radio"> statement is used to create?
a) A radio form b) Checkbox
c) It is the name of the form d) A radio button

Section – B
Short Answer Questions

2. Answer any five of the following questions. **5x7=35**

i. Write the HTML code to design a Student registration form.
ii. What is protocol? Explain HTTP and client server model.
iii. Define Anchor tag with an example. Explain the structure of the HTML webpage with an example.
iv. Explain DOM in XML and JavaScript.
v. Define JavaScript? Write down the procedure to execute program on JavaScript.
vi. What do you mean by external, internal and inline CSS?
vii. Write down brief history of XML. What are the advantages for using XML?

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Section - C
Descriptive Questions

3. Answer any two of the following question. **2x10=20**

i) What are the various types of operators used in JavaScript? Explain with example.

ii) Define Frameset, Frame Tag. Divide the web page into four equal parts each individual part displays different web page.

iii) Define following term with example:

A) MIME

B) SAX

C) Frames

D) Forms

E) XML

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